

SEQUENCE LISTING

<110> OXAGEN LIMITED

<120> TEST

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<170> PatentIn version 3.0

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 50 55 60
 Phe Pro Lys Gly Ser Val Ser Asn Ala Gln Gln Pro Asp Leu Ser Lys
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 Ala Val Ser Leu Ser Met Gly Leu Tyr Met Gly Glu Thr Glu Thr Lys
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 Val Met Gly Asn Asp Leu Gly Phe Pro Gln Gln Gly Gln Ile Ser Leu
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 Thr Ala Val Ser Ala Ala Pro Thr Glu Lys Glu Phe Pro Lys Thr His
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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
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| Val | His | Gly | Val | Ser | Thr | Ser | Gly | Gly | Gln | Met | Tyr | His | Tyr | Asp | Met | |
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| Ile | Asp | Lys | Ile | Arg | Arg | Lys | Asn | Cys | Pro | Ala | Cys | Arg | Tyr | Arg | Lys | |
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| Glu | Asn | Pro | Gly | Asn | Lys | Thr | Ile | Val | Pro | Ala | Thr | Leu | Pro | Gln | Leu | | | | | | |
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| Glu | Gly | Asn | Ser | Ser | Gln | Asn | Trp | Gln | Arg | Phe | Tyr | Gln | Leu | Thr | Lys | | | | | | |
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| Leu | Leu | Asp | Ser | Met | His | Glu | Val | Val | Glu | Asn | Leu | Leu | Asn | Tyr | Cys | | | | | | |
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 aac ccc agc agt gtg ctt gct cag gag agg gga gat gtg atg gac ttc 219
 Asn Pro Ser Ser Val Leu Ala Gln Glu Arg Gly Asp Val Met Asp Phe
 15 20 25
 tat aaa acc cta aga gga gga gct act gtg aag gtt tct gcg tct tca 267
 Tyr Lys Thr Leu Arg Gly Gly Ala Thr Val Lys Val Ser Ala Ser Ser
 30 35 40 45
 ccc tca ctg gct gtc gct tct caa tca gac tcc aag cag cga aga ctt 315
 Pro Ser Leu Ala Val Ala Ser Gln Ser Asp Ser Lys Gln Arg Arg Leu
 50 55 60
 ttg gtt gat ttt cca aaa ggc tca gta agc aat gcg cag cag cca gat 363
 Leu Val Asp Phe Pro Lys Gly Ser Val Ser Asn Ala Gln Gln Pro Asp
 65 70 75
 ctg tcc aaa gca gtt tca ctc tca atg gga ctg tat atg gga gag aca 411
 Leu Ser Lys Ala Val Ser Leu Ser Met Gly Leu Tyr Met Gly Glu Thr
 80 85 90
 gaa aca aaa gtg atg gga aat gac ctg gga ttc cca cag cag ggc caa 459
 Glu Thr Lys Val Met Gly Asn Asp Leu Gly Phe Pro Gln Gln Gly Gln
 95 100 105
 atc agc ctt tcc tcg ggg gaa aca gac tta aag ctt ttg gaa gaa agc 507
 Ile Ser Leu Ser Ser Gly Glu Thr Asp Leu Lys Leu Leu Glu Glu Ser
 110 115 120 125
 att gca aac ctc aat agg tcg acc agt gtt cca gag aac ccc aag agt 555
 Ile Ala Asn Leu Asn Arg Ser Thr Ser Val Pro Glu Asn Pro Lys Ser
 130 135 140
 tca gca tcc act gct gtg tct gct gcc ccc aca gag aag gag ttt cca 603
 Ser Ala Ser Thr Ala Val Ser Ala Ala Pro Thr Glu Lys Glu Phe Pro
 145 150 155
 aaa act cac tct gat gta tct tca gaa cag caa cat ttg aag ggc cag 651
 Lys Thr His Ser Asp Val Ser Ser Glu Gln Gln His Leu Lys Gly Gln
 160 165 170

| | |
|---|------|
| act ggc acc aac ggt ggc aat gtg aaa ttg tat acc aca gac caa agc | 699 |
| Thr Gly Thr Asn Gly Gly Asn Val Lys Leu Tyr Thr Thr Asp Gln Ser | |
| 175 180 185 | |
| acc ttt gac att ttg cag gat ttg gag ttt tct tct ggg tcc cca ggt | 747 |
| Thr Phe Asp Ile Leu Gln Asp Leu Glu Phe Ser Ser Gly Ser Pro Gly | |
| 190 195 200 205 | |
| aaa gag acg aat gag agt cct tgg aga tca gac ctg ttg ata gat gaa | 795 |
| Lys Glu Thr Asn Glu Ser Pro Trp Arg Ser Asp Leu Leu Ile Asp Glu | |
| 210 215 220 | |
| aac tgt ttg ctt tct cct ctg gcg gga gaa gac gat tca ttc ctt ttg | 843 |
| Asn Cys Leu Leu Ser Pro Leu Ala Gly Glu Asp Asp Ser Phe Leu Leu | |
| 225 230 235 | |
| gaa gga aac tcg aat gag gac tgc aag cct ctc att tta ccg gac act | 891 |
| Glu Gly Asn Ser Asn Glu Asp Cys Lys Pro Leu Ile Leu Pro Asp Thr | |
| 240 245 250 | |
| aaa ccc aaa att aag gat aat gga gat ctg gtt ttg tca agc ccc agt | 939 |
| Lys Pro Lys Ile Lys Asp Asn Gly Asp Leu Val Leu Ser Ser Pro Ser | |
| 255 260 265 | |
| aat gta aca ctg ccc caa gtg aaa aca gaa aaa gaa gat ttc atc gaa | 987 |
| Asn Val Thr Leu Pro Gln Val Lys Thr Glu Lys Glu Asp Phe Ile Glu | |
| 270 275 280 285 | |
| ctc tgc acc cct ggg gta att aag caa gag aaa ctg ggc aca gtt tac | 1035 |
| Leu Cys Thr Pro Gly Val Ile Lys Gln Glu Lys Leu Gly Thr Val Tyr | |
| 290 295 300 | |
| tgt cag gca agc ttt cct gga gca aat ata att ggt aat aaa atg tct | 1083 |
| Cys Gln Ala Ser Phe Pro Gly Ala Asn Ile Ile Gly Asn Lys Met Ser | |
| 305 310 315 | |
| gcc att tct gtt cat ggt gtg agt acc tct gga gga cag atg tac cac | 1131 |
| Ala Ile Ser Val His Gly Val Ser Thr Ser Gly Gly Gln Met Tyr His | |
| 320 325 330 | |
| tat gac atg aat aca gca tcc ctt tct caa cag cag gat cag aag cct | 1179 |
| Tyr Asp Met Asn Thr Ala Ser Leu Ser Gln Gln Gln Asp Gln Lys Pro | |
| 335 340 345 | |
| att ttt aat gtc att cca cca att ccc gtt ggt tcc gaa aat tgg aat | 1227 |
| Ile Phe Asn Val Ile Pro Pro Ile Pro Val Gly Ser Glu Asn Trp Asn | |
| 350 355 360 365 | |
| agg tgc caa gga tct gga gat gac aac ttg act tct ctg ggg act ctg | 1275 |
| Arg Cys Gln Gly Ser Gly Asp Asp Asn Leu Thr Ser Leu Gly Thr Leu | |
| 370 375 380 | |
| aac ttc cct ggt cga aca gtt ttt tct aat ggc tat tca agc ccc agc | 1323 |
| Asn Phe Pro Gly Arg Thr Val Phe Ser Asn Gly Tyr Ser Ser Pro Ser | |
| 385 390 395 | |

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|---|------|
| atg aga cca gat gta agc tct cct cca tcc agc tcc tca aca gca aca | 1371 |
| Met Arg Pro Asp Val Ser Ser Pro Pro Ser Ser Ser Ser Thr Ala Thr | |
| 400 405 410 | |
| aca gga cca cct ccc aaa ctc tgc ctg gtg tgc tct gat gaa gct tca | 1419 |
| Thr Gly Pro Pro Pro Lys Leu Cys Leu Val Cys Ser Asp Glu Ala Ser | |
| 415 420 425 | |
| gga tgt cat tat gga gtc tta act tgt gga agc tgt aaa gtt ttc ttc | 1467 |
| Gly Cys His Tyr Gly Val Leu Thr Cys Gly Ser Cys Lys Val Phe Phe | |
| 430 435 440 445 | |
| aaa aga gca gtg gaa gga cag cac aat tac cta tgt gct gga agg aat | 1515 |
| Lys Arg Ala Val Glu Gly Gln His Asn Tyr Leu Cys Ala Gly Arg Asn | |
| 450 455 460 | |
| gat tgc atc atc gat aaa att cga aga aaa aac tgc cca gca tgc cgc | 1563 |
| Asp Cys Ile Ile Asp Lys Ile Arg Arg Lys Asn Cys Pro Ala Cys Arg | |
| 465 470 475 | |
| tat cga aaa tgt ctt cag gct gga atg aac ctg gaa gct cga aaa aca | 1611 |
| Tyr Arg Lys Cys Leu Gln Ala Gly Met Asn Leu Glu Ala Arg Lys Thr | |
| 480 485 490 | |
| aag aaa aaa ata aaa gga att cag cag gcc act aca gga gtc tca caa | 1659 |
| Lys Lys Lys Ile Lys Gly Ile Gln Gln Ala Thr Thr Gly Val Ser Gln | |
| 495 500 505 | |
| gaa acc tct gaa aat cct ggt aac aaa aca ata gtt cct gca acg tta | 1707 |
| Glu Thr Ser Glu Asn Pro Gly Asn Lys Thr Ile Val Pro Ala Thr Leu | |
| 510 515 520 525 | |
| cca caa ctc acc cct acc ctg gtg tca ctg ttg gag gtt att gaa cct | 1755 |
| Pro Gln Leu Thr Pro Thr Leu Val Ser Leu Leu Glu Val Ile Glu Pro | |
| 530 535 540 | |
| gaa gtg tta tat gca gga tat gat agc tct gtt cca gac tca act tgg | 1803 |
| Glu Val Leu Tyr Ala Gly Tyr Asp Ser Ser Val Pro Asp Ser Thr Trp | |
| 545 550 555 | |
| agg atc atg act acg ctc aac atg tta gga ggg cgg caa gtg att gca | 1851 |
| Arg Ile Met Thr Thr Leu Asn Met Leu Gly Gly Arg Gln Val Ile Ala | |
| 560 565 570 | |
| gca gtg aaa tgg gca aag gca ata cca ggt ttc agg aac tta cac ctg | 1899 |
| Ala Val Lys Trp Ala Lys Ala Ile Pro Gly Phe Arg Asn Leu His Leu | |
| 575 580 585 | |
| gat gac caa atg acc cta ctg cag tac tcc tgg atg ttt ctt atg gca | 1947 |
| Asp Asp Gln Met Thr Leu Leu Gln Tyr Ser Trp Met Phe Leu Met Ala | |
| 590 595 600 605 | |
| ttt gct ctg ggg tgg aga tca tat aga caa tca agt gca aac ctg ctg | 1995 |
| Phe Ala Leu Gly Trp Arg Ser Tyr Arg Gln Ser Ser Ala Asn Leu Leu | |
| 610 615 620 | |
| tgt ttt gct cct gat ctg att att aat gag cag aga atg act cta ccc | 2043 |

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|---|------|
| Cys Phe Ala Pro Asp Leu Ile Ile Asn Glu Gln Arg Met Thr Leu Pro | |
| 625 630 635 | |
| tgc atg tac gac caa tgt aaa cac atg ctg tat gtt tcc tct gag tta | 2091 |
| Cys Met Tyr Asp Gln Cys Lys His Met Leu Tyr Val Ser Ser Glu Leu | |
| 640 645 650 | |
| cac agg ctt cag gta tct tat gaa gag tat ctc tgt atg aaa acc tta | 2139 |
| His Arg Leu Gln Val Ser Tyr Glu Glu Tyr Leu Cys Met Lys Thr Leu | |
| 655 660 665 | |
| ctg ctt ctc tct tca gtt cct aag gac ggt ctg aag agc caa gag cta | 2187 |
| Leu Leu Leu Ser Ser Val Pro Lys Asp Gly Leu Lys Ser Gln Glu Leu | |
| 670 675 680 685 | |
| ttt gat gaa att aga atg acc tac atc aaa gag cta gga aaa gcc att | 2235 |
| Phe Asp Glu Ile Arg Met Thr Tyr Ile Lys Glu Leu Gly Lys Ala Ile | |
| 690 695 700 | |
| gtc aag agg gaa gga aac tcc agc cag aac tgg cag cgg ttt tat caa | 2283 |
| Val Lys Arg Glu Gly Asn Ser Ser Gln Asn Trp Gln Arg Phe Tyr Gln | |
| 705 710 715 | |
| ctg aca aaa ctc ttg gat tct atg cat gaa gtg gtt gaa aat ctc ctt | 2331 |
| Leu Thr Lys Leu Leu Asp Ser Met His Glu Val Val Glu Asn Leu Leu | |
| 720 725 730 | |
| aac tat tgc ttc caa aca ttt ttg gat aag acc atg agt att gaa ttc | 2379 |
| Asn Tyr Cys Phe Gln Thr Phe Leu Asp Lys Thr Met Ser Ile Glu Phe | |
| 735 740 745 | |
| ccc gag atg tta gct gaa atc atc acc aat cag ata cca aaa tat tca | 2427 |
| Pro Glu Met Leu Ala Glu Ile Ile Thr Asn Gln Ile Pro Lys Tyr Ser | |
| 750 755 760 765 | |
| aat gga aat atc aaa aaa ctt ctg ttt cat caa aag tga ctgccttaat | 2476 |
| Asn Gly Asn Ile Lys Lys Leu Leu Phe His Gln Lys | |
| 770 775 | |
| aagaatggtt gccttaaaga aagtcgaatt aatagctttt attgtataaa ctatcagttt | 2536 |
| gtcctgtaga ggttttggtg ttttattttt tattgttttc atctgttggt ttgttttaaa | 2596 |
| tacgcactac atgtggttta tagaggcca agacttgcca acagaagcag ttgagtcgtc | 2656 |
| atcacttttc agtgatggga gagtagatgg tgaaatttat tagttaatat atcccagaaa | 2716 |
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| ttgatttatg catggaaacc tgaaaaaag ttacaagtg tatatcagaa aagggaagtt | 2956 |
| gtgcctttta tagctattac tgtctggttt taacaatttc ctttatattt agtgaactac | 3016 |

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| gcttgctcat tttttcttac ataatttttt attcaagtta ttgtacagct gtttaagatg | 3076 |
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| agctcagcta ctgatttttg tgatttagaa ctgtatgtca gacatccatg tttgtaaaac | 3736 |
| tacacatccc taatgtgtgc catagagttt aacacaagtc ctgtgaattt cttcactgtt | 3796 |
| gaaaattatt ttaaacaaaa tagaagctgt agtagccctt tctgtgtgca ccttaccaac | 3856 |
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| tctgggaagg gaagggtac tgcagcttta catgcaattt attaaaatga ttgtaaaata | 4096 |
| gcttgtatag tgtaaaataa gaatgatttt tagatgagat tgttttatca tgacatgtta | 4156 |
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| tacagaggaa gttatcctct gcctccatt ctgaccacc ttctcattcc aacagtgagt | 4396 |
| ctgtcagcgc aggttttagtt tactcaatct ccccttgac taaagtatgt aaagtatgta | 4456 |
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| agtttgcata gaggtaccag caatatgtaa atagtgcaga atctcatagg ttgccaataa | 4636 |
| tacactaatt ctttctatc ctacaacaag agtttatttc caaataaaat gaggacatgt | 4696 |
| ttttgttttc tttgaatgct tttgaatgt tatttgttat tttcagtatt ttggagaaat | 4756 |

tattttaataa aaaaacaatc atttgctttt tg

4788

<210> 4
 <211> 777
 <212> PRT
 <213> Homo sapiens
 <400> 4

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Asp | Ser | Lys | Glu | Ser | Leu | Thr | Pro | Gly | Arg | Glu | Glu | Asn | Pro | Ser | 1 | 5 | 10 | 15 |
| Ser | Val | Leu | Ala | Gln | Glu | Arg | Gly | Asp | Val | Met | Asp | Phe | Tyr | Lys | Thr | 20 | 25 | 30 | |
| Leu | Arg | Gly | Gly | Ala | Thr | Val | Lys | Val | Ser | Ala | Ser | Ser | Pro | Ser | Leu | 35 | 40 | 45 | |
| Ala | Val | Ala | Ser | Gln | Ser | Asp | Ser | Lys | Gln | Arg | Arg | Leu | Leu | Val | Asp | 50 | 55 | 60 | |
| Phe | Pro | Lys | Gly | Ser | Val | Ser | Asn | Ala | Gln | Gln | Pro | Asp | Leu | Ser | Lys | 65 | 70 | 75 | 80 |
| Ala | Val | Ser | Leu | Ser | Met | Gly | Leu | Tyr | Met | Gly | Glu | Thr | Glu | Thr | Lys | 85 | 90 | 95 | |
| Val | Met | Gly | Asn | Asp | Leu | Gly | Phe | Pro | Gln | Gln | Gly | Gln | Ile | Ser | Leu | 100 | 105 | 110 | |
| Ser | Ser | Gly | Glu | Thr | Asp | Leu | Lys | Leu | Leu | Glu | Glu | Ser | Ile | Ala | Asn | 115 | 120 | 125 | |
| Leu | Asn | Arg | Ser | Thr | Ser | Val | Pro | Glu | Asn | Pro | Lys | Ser | Ser | Ala | Ser | 130 | 135 | 140 | |
| Thr | Ala | Val | Ser | Ala | Ala | Pro | Thr | Glu | Lys | Glu | Phe | Pro | Lys | Thr | His | 145 | 150 | 155 | 160 |
| Ser | Asp | Val | Ser | Ser | Glu | Gln | Gln | His | Leu | Lys | Gly | Gln | Thr | Gly | Thr | 165 | 170 | 175 | |
| Asn | Gly | Gly | Asn | Val | Lys | Leu | Tyr | Thr | Thr | Asp | Gln | Ser | Thr | Phe | Asp | 180 | 185 | 190 | |
| Ile | Leu | Gln | Asp | Leu | Glu | Phe | Ser | Ser | Gly | Ser | Pro | Gly | Lys | Glu | Thr | 195 | 200 | 205 | |
| Asn | Glu | Ser | Pro | Trp | Arg | Ser | Asp | Leu | Leu | Ile | Asp | Glu | Asn | Cys | Leu | 210 | 215 | 220 | |
| Leu | Ser | Pro | Leu | Ala | Gly | Glu | Asp | Asp | Ser | Phe | Leu | Leu | Glu | Gly | Asn | 225 | 230 | 235 | 240 |
| Ser | Asn | Glu | Asp | Cys | Lys | Pro | Leu | Ile | Leu | Pro | Asp | Thr | Lys | Pro | Lys | | | | |

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|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | | | 245 | | | | | 250 | | | | | 255 | |
| Ile | Lys | Asp | Asn 260 | Gly | Asp | Leu | Val | Leu 265 | Ser | Ser | Pro | Ser | Asn 270 | Val | Thr |
| Leu | Pro | Gln 275 | Val | Lys | Thr | Glu | Lys 280 | Glu | Asp | Phe | Ile | Glu 285 | Leu | Cys | Thr |
| Pro | Gly 290 | Val | Ile | Lys | Gln | Glu 295 | Lys | Leu | Gly | Thr | Val 300 | Tyr | Cys | Gln | Ala |
| Ser 305 | Phe | Pro | Gly | Ala | Asn 310 | Ile | Ile | Gly | Asn | Lys 315 | Met | Ser | Ala | Ile | Ser 320 |
| Val | His | Gly | Val | Ser 325 | Thr | Ser | Gly | Gly | Gln 330 | Met | Tyr | His | Tyr | Asp 335 | Met |
| Asn | Thr | Ala | Ser 340 | Leu | Ser | Gln | Gln | Gln 345 | Asp | Gln | Lys | Pro | Ile | Phe | Asn |
| Val | Ile | Pro 355 | Pro | Ile | Pro | Val | Gly 360 | Ser | Glu | Asn | Trp | Asn 365 | Arg | Cys | Gln |
| Gly | Ser 370 | Gly | Asp | Asp | Asn | Leu 375 | Thr | Ser | Leu | Gly | Thr 380 | Leu | Asn | Phe | Pro |
| Gly 385 | Arg | Thr | Val | Phe | Ser 390 | Asn | Gly | Tyr | Ser | Ser 395 | Pro | Ser | Met | Arg | Pro 400 |
| Asp | Val | Ser | Ser | Pro 405 | Pro | Ser | Ser | Ser | Ser 410 | Thr | Ala | Thr | Thr | Gly 415 | Pro |
| Pro | Pro | Lys | Leu 420 | Cys | Leu | Val | Cys | Ser 425 | Asp | Glu | Ala | Ser | Gly 430 | Cys | His |
| Tyr | Gly 435 | Val | Leu | Thr | Cys | Gly | Ser 440 | Cys | Lys | Val | Phe | Phe 445 | Lys | Arg | Ala |
| Val 450 | Glu | Gly | Gln | His | Asn | Tyr 455 | Leu | Cys | Ala | Gly | Arg 460 | Asn | Asp | Cys | Ile |
| Ile 465 | Asp | Lys | Ile | Arg | Arg 470 | Lys | Asn | Cys | Pro | Ala 475 | Cys | Arg | Tyr | Arg | Lys 480 |
| Cys | Leu | Gln | Ala | Gly 485 | Met | Asn | Leu | Glu | Ala 490 | Arg | Lys | Thr | Lys | Lys 495 | Lys |
| Ile | Lys | Gly | Ile 500 | Gln | Gln | Ala | Thr | Thr 505 | Gly | Val | Ser | Gln | Glu 510 | Thr | Ser |
| Glu | Asn 515 | Pro | Gly | Asn | Lys | Thr | Ile 520 | Val | Pro | Ala | Thr | Leu 525 | Pro | Gln | Leu |
| Thr | Pro 530 | Thr | Leu | Val | Ser | Leu 535 | Leu | Glu | Val | Ile | Glu 540 | Pro | Glu | Val | Leu |
| Tyr | Ala | Gly | Tyr | Asp | Ser | Ser | Val | Pro | Asp | Ser | Thr | Trp | Arg | Ile | Met |

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|---|-----|-----|-----|-----|-----|-----|
| 545 | | 550 | | 555 | | 560 |
| Thr Thr Leu Asn Met Leu Gly Gly Arg Gln Val Ile Ala Ala Val Lys | 565 | | | 570 | | 575 |
| Trp Ala Lys Ala Ile Pro Gly Phe Arg Asn Leu His Leu Asp Asp Gln | 580 | | 585 | | | 590 |
| Met Thr Leu Leu Gln Tyr Ser Trp Met Phe Leu Met Ala Phe Ala Leu | 595 | | 600 | | | 605 |
| Gly Trp Arg Ser Tyr Arg Gln Ser Ser Ala Asn Leu Leu Cys Phe Ala | 610 | | 615 | | | 620 |
| Pro Asp Leu Ile Ile Asn Glu Gln Arg Met Thr Leu Pro Cys Met Tyr | 625 | | 630 | | 635 | 640 |
| Asp Gln Cys Lys His Met Leu Tyr Val Ser Ser Glu Leu His Arg Leu | | 645 | | 650 | | 655 |
| Gln Val Ser Tyr Glu Glu Tyr Leu Cys Met Lys Thr Leu Leu Leu Leu | | 660 | | 665 | | 670 |
| Ser Ser Val Pro Lys Asp Gly Leu Lys Ser Gln Glu Leu Phe Asp Glu | | 675 | | 680 | | 685 |
| Ile Arg Met Thr Tyr Ile Lys Glu Leu Gly Lys Ala Ile Val Lys Arg | | 690 | | 695 | | 700 |
| Glu Gly Asn Ser Ser Gln Asn Trp Gln Arg Phe Tyr Gln Leu Thr Lys | | 705 | | 710 | | 715 |
| Leu Leu Asp Ser Met His Glu Val Val Glu Asn Leu Leu Asn Tyr Cys | | 725 | | 730 | | 735 |
| Phe Gln Thr Phe Leu Asp Lys Thr Met Ser Ile Glu Phe Pro Glu Met | | 740 | | 745 | | 750 |
| Leu Ala Glu Ile Ile Thr Asn Gln Ile Pro Lys Tyr Ser Asn Gly Asn | | 755 | | 760 | | 765 |
| Ile Lys Lys Leu Leu Phe His Gln Lys | | 770 | | 775 | | |